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OM protein - protein search, using sw model

Run on: January 28, 2005, 13:12:07 ; Search time 144 Seconds (without alignments)

Scoring table: BL0SUM62

Title: US-10-659-782A-32

Perfect score: 616

Sequence: 1 MPSPGTVCSLLLGMWL1. .... .PPSSRERSRRSHQPSCSPEL 116

Scoring table: BL0SUM62

Gapop 10.0 , Gapext 0.5

Searched: 1608061 seqs, 361289386 residues

Total number of hits satisfying chosen parameters: 1608061

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Database : Published Applications\_A1,\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

RESULTS

RESULT 1 US-10-294-191A-3

1 Sequence 3 Application US/10294191A

2 Publication No. US20030211512A1

3 GENERAL INFORMATION:

4 APPLICANT: Rothschild, Max F.

5 APPLICANT: Kim, Kwan Suk

6 APPLICANT: Anderson, Lloyd L.

7 TITLE OF INVENTION: Novel Ghrelin Alleles and Use of the Same for Genetically Typing

8 FILE REFERENCE: P0548081

9 CURRENT APPLICATION NUMBER: US/10/294.191A

10 CURRENT FILING DATE: 2002-11-14

11 PRIORITY APPLICATION NUMBER: US 60/333,222

12 PRIORITY FILING DATE: 2001-11-14

13 NUMBER OF SEQ ID NOS: 16

14 SOFTWARE: PatentIn version 3.1

15 SEQ ID NO 3

16 LENGTH: 60

17 TYPE: PRT

18 ORGANISM: Human

19 US-10-294-191A-3

20 Query Match 32.1% Score 198; DB 14; Length 60;

21 Best Local Similarity 88.6%; Pred. No. 4.8e-14;

22 Matches 39; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

23 Qy 1 MPPGTVCSLLLGMWLAMAGSSPSLSPERIVQVRPHKAP 44

24 Db 1 MPSGTVCSLLLGMWLAMAGSSPSLSPERIVQVRKESKRP 44

25 RESULT 2 US-10-477-506-2

26 Sequence 268, App

27 Sequence 268, App

28 Sequence 268, App

29 Sequence 268, App

30 Sequence 268, App

31 Sequence 268, App

32 Sequence 268, App

33 Sequence 268, App

34 Sequence 268, App

35 Sequence 268, App

36 Sequence 268, App

37 Sequence 268, App

38 Sequence 268, App

39 Sequence 268, App

40 Sequence 268, App

41 Sequence 268, App

42 Sequence 268, App

43 Sequence 268, App

44 Sequence 268, App

45 Sequence 268, App

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	198	32.1	60	14 US-10-294-191A-3	Sequence 3, Appli
2	198	32.1	91	16 US-10-477-506-2	Sequence 2, Appli
3	198	32.1	117	9 US-03-794-987-2	Sequence 2, Appli
4	198	32.1	117	9 US-03-853-253-2	Sequence 2, Appli
5	198	32.1	117	9 US-03-989-722-268	Sequence 268, App
6	198	32.1	117	9 US-03-989-723-268	Sequence 268, App
7	198	32.1	117	9 US-03-989-279-268	Sequence 268, App
8	198	32.1	117	9 US-03-989-727-268	Sequence 268, App
9	198	32.1	117	9 US-03-989-731-268	Sequence 268, App
10	198	32.1	117	9 US-03-989-732-268	Sequence 268, App
11	198	32.1	117	9 US-03-991-073-268	Sequence 268, App
12	198	32.1	117	9 US-03-990-442-268	Sequence 268, App
13	198	32.1	117	9 US-03-991-163-268	Sequence 268, App

i APPLICANT: Chopin, Lisa K  
 i APPLICANT: Jeffery, Penelope L  
 i TITLE OF INVENTION: REPRODUCTIVE CANCER DIAGNOSIS AND THERAPY  
 i FILE REFERENCE: 22181  
 i CURRENT APPLICATION NUMBER: US/10/477,506  
 i CURRENT FILING DATE: 2003-11-10  
 i PRIOR APPLICATION NUMBER: PR9567  
 i PRIOR FILING DATE: 2001-12-17  
 i PRIOR APPLICATION NUMBER: PR4919  
 i PRIOR FILING DATE: 2001-05-10  
 i PRIOR APPLICATION NUMBER: PCT/AU02/000582  
 i PRIOR FILING DATE: 2002-05-10  
 i NUMBER OF SEQ ID NOS: 17  
 i SOFTWARE: PatentIn version 3.1  
 i SEQ ID NO 2  
 i LENGTH: 91  
 i TYPE: PRT  
 i ORGANISM: Homo sapiens  
 i US-10-477-506-2

Query Match 32.1%; Score 198; DB 16; Length 91;  
 Best Local Similarity 88.6%; Pred. No. 8.1e-13;  
 Matches 39; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 MPPSPGTVCSSLIGMMLWLAMAGSSFLSPBHQRYQVRPHKAP 44  
 Db 1 MPPSPGTVCSSLIGMMLWLAMAGSSFLSPBHQRYQVRPHKAP 44

RESULT 3  
 US-09-794-987-2  
 i Sequence 2, Application US/0974987  
 i Patent No. US2001041791A1  
 i GENERAL INFORMATION:  
 i APPLICANT: Sheppard, Paul O.  
 i Inventor: Deisher, Theresa A.  
 i TITLE OF INVENTION: MOTILIN HOMOLOGS  
 i NUMBER OF SEQUENCES: 7  
 i CORRESPONDENCE ADDRESS:  
 i ADDRESSEE: ZymoGenetics, Inc.  
 i STREET: 1201 Eastlake Avenue East  
 i CITY: Seattle  
 i STATE: WA  
 i COUNTRY: USA  
 i ZIP: 98102  
 i COMPUTER READABLE FORM:  
 i MEDIUM TYPE: Diskette  
 i COMPUTER: IBM Compatible  
 i OPERATING SYSTEM: DOS  
 i SOFTWARE: FastSEQ for Windows Version 2.0  
 i CURRENT APPLICATION DATA:  
 i APPLICATION NUMBER: US/09/794,987  
 i FILING DATE: 27-Feb-2001  
 i CLASSIFICATION: <unknown>  
 i PRIOR APPLICATION DATA:  
 i APPLICATION NUMBER: 09/046,479  
 i FILING DATE: <unknown>  
 i ATTORNEY/AGENT INFORMATION:  
 i NAME: Szwisla, Deborah A  
 i REGISTRATION NUMBER: 37,438  
 i REFERENCE DOCKET NUMBER: 97-04  
 i TELECOMMUNICATION INFORMATION:  
 i TELEPHONE: 206-442-6672  
 i TELEFAX: 206-442-6678  
 i TELEX: <unknown>  
 i INFORMATION FOR SEQ ID NO: 2:  
 i SEQUENCE CHARACTERISTICS:  
 i LENGTH: 117 amino acids  
 i TYPE: amino acid  
 i STRANDEDNESS: single  
 i TOPOLOGY: linear  
 i MOLECULE TYPE: protein

i FRAGMENT TYPE: internal  
 i SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
 i US-09-794-987-2

Query Match 32.1%; Score 198; DB 9; Length 117;  
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 Matches 39; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 MPPSPGTVCSSLIGMMLWLAMAGSSFLSPBHQRYQVRPHKAP 44  
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RESULT 4  
 US-09-833-253-2  
 i Sequence 2, Application US/09853253  
 i Patent No. US20020055156A1  
 i GENERAL INFORMATION:  
 i APPLICANT: Jaspers, Stephen  
 i Inventor: Sheppard, Paul  
 i APPLICANT: Deisher, Theresa A.  
 i Inventor: Bishop, Paul  
 i TITLE OF INVENTION: ZB1933-1-like Peptides  
 i FILE REFERENCE: 00-30  
 i CURRENT APPLICATION NUMBER: US/09/853,253  
 i CURRENT FILING DATE: 2001-05-10  
 i PRIOR APPLICATION NUMBER: 60/203,300  
 i PRIOR FILING DATE: 2000-05-11  
 i NUMBER OF SEQ ID NOS: 28  
 i SOFTWARE: FastSEQ for Windows Version 3.0  
 i SEQ ID NO 2  
 i LENGTH: 117  
 i TYPE: PRT  
 i ORGANISM: Homo sapiens  
 i US-09-833-253-2

Query Match 32.1%; Score 198; DB 9; Length 117;  
 Best Local Similarity 88.6%; Pred. No. 1.1e-13;  
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Qy 1 MPPSPGTVCSSLIGMMLWLAMAGSSFLSPBHQRYQVRPHKAP 44  
 Db 1 MPPSPGTVCSSLIGMMLWLAMAGSSFLSPBHQRYQVRPHKAP 44

RESULT 5  
 US-09-889-722-268  
 i Sequence 268, Application US/09989722  
 i Patent No. US2002007206A1  
 i GENERAL INFORMATION:  
 i APPLICANT: Ashkenazi, Avi J.  
 i Inventor: Baker, Kevin P.  
 i APPLICANT: Botstein, David  
 i Inventor: Desnoyers, Luc  
 i APPLICANT: Eaton, Dan L.  
 i APPLICANT: Ferrara, Napoleone  
 i Inventor: Fong, Sherman  
 i APPLICANT: Gerber, Hanspeter  
 i Inventor: Klijaviv, Ivar J.  
 i APPLICANT: Gerritsen, Mary E.  
 i Inventor: Goddard, Audrey  
 i APPLICANT: Godowski, Paul J.  
 i Inventor: Grimaldi, J. Christopher  
 i APPLICANT: Gurney, Austin L.  
 i Inventor: Klijaviv, Ivar J.  
 i APPLICANT: Napiers, Mary A.  
 i Inventor: Pan, James  
 i APPLICANT: Paoni, Nicholas F.  
 i Inventor: Roy, Margaret Ann  
 i APPLICANT: Stewart, Timothy A.  
 i Inventor: Tumas, Daniel  
 i APPLICANT: Watanabe, Colin K.  
 i APPLICANT: Williams, P. Mickey  
 i APPLICANT: Wood, William T.

APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 FILE REFERENCE: P230P163  
 CURRENT APPLICATION NUMBER: US/09/989,722  
 CURRENT FILING DATE: 2001-11-19  
 PRIOR APPLICATION NUMBER: 60/049787  
 PRIOR FILING DATE: 1997-06-16  
 PRIOR APPLICATION NUMBER: 60/062250  
 PRIOR FILING DATE: 1997-10-17  
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 PRIOR FILING DATE: 1998-06-25  
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 PRIOR FILING DATE: 1998-06-15  
 PRIOR APPLICATION NUMBER: 60/090690  
 PRIOR FILING DATE: 1998-06-25

Query Match      32.1%;    Score 198;    DB 9;    Length 117;  
 Best Local Similarity    88.6%;    Pred. No. 1.1e-13;  
 Matches    39;    Conservative    0;    Mismatches    5;    Indels    0;    Gaps    0;

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 Db    1    M P S P G T V C S L L I L G M I W L D I A M G S F L S P E H Q V Q R C E S K K P    44

RESULT 6

US-09-989-723-268  
 Sequence 268, Application US/09989723  
 Patent No. US/09989723  
 General Information:  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyer, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, J. Christopher  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Klijavins, Ivar J.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paponi, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zhang, Zenin

Title of Invention: Secreted and Transmembrane Polypeptides and Nucleic acid Encoding the Same  
 File Reference: P27301C62  
 Current Application Number: US/09/989,723  
 Current Filing Date: 2001-11-19  
 Prior Application Number: 60/049787  
 Prior Filing Date: 1998-06-12  
 Prior Application Number: 60/088861  
 Prior Filing Date: 1998-06-11  
 Prior Application Number: 60/088876  
 Prior Filing Date: 1998-06-11  
 Prior Application Number: 60/089105  
 Prior Filing Date: 1998-06-12

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 ; PRIOR APPLICATION NUMBER: 60/091982  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match 32.1%; Score 198; DB 9; Length 117;  
 Best Local Similarity 88.6%; Pred. No. 1.1e-13;  
 Matches 39; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 MPSPGTVCSLLLGGMLDLAMAGSSFLSPEHQVQYRPHKAP 44  
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RESULT 7 US-09-389-279-268  
 Sequence 268, Application US/09985279  
 ; Patent No. US2002007249A1  
 GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary B.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Kijaviv, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas P.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watnabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 FILE REFERENCE: P2730P1C56  
 CURRENT APPLICATION NUMBER: US/09/989,279  
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Query Match Score 198; DB 9; Length 117;  
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 DB 1 MPSPESTVCSILLGMLWLDAMAGSSFSPEHQRVQQRKESKKP 44

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 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Bobstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
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 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

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Query Match 32.1%; Score: 198; DB 9; Length: 117;
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; Patent No. US20020103125A1
; GENERAL INFORMATION:
; APPLICANT: Asikenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrari, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; ACIDS Encoding the Same
; FILE REFERENCE: P2730PIC70
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Query Match 32.1%; Score 198; DB 9; Length 117;  
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// PRIOR APPLICATION NUMBER: 60/092182
// PRIOR FILING DATE: 1998-07-09

Query Match 32.1%; Score 198; DB 9; Length 117;
Best Local Similarity 88.6%; Pred. No. 1.1e-13;
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Db 1 MPSPTVCSILLGMWLDLAMAGSSFLSPHQRVQQRKESKPK 44

RESULT 12
US-09-990-442-268
Sequence 268, Application US/09990442
Patent No. US20020132252A1

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GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Borstein, David  
 APPLICANT: Destroyers, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, J. Christopher  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Klijavin, Ivar J.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tunas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: P2720P1C8

CURRENT APPLICATION NUMBER: US/09/990,442  
 CURRENT FILING DATE: 2001-11-14

PRIOR APPLICATION NUMBER: 60/049787  
 PRIOR FILING DATE: 1997-06-16  
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 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyer, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone

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 ; / APPLICANT: Williams, P. Mickey  
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 ; / APPLICANT: Zhang, Zemin  
 ; / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same  
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Query Match Score 198; DB 9; Length 117;
Best Local Similarity 88.6%; Pred. No. 1..1e-13;
Matches 39; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 MPSPTGTVCSLLIGMLWLAMAGSSFLSPEHQVQVRPHKAP 44
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RESULT 14
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; Sequence 268, Application US/09993604
; Patent No. US20130751A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Boström, David
; APPLICANT: Denoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Maty E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.

```

APPLICANT: Kljavin, Ivar J.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 TITLE OF INVENTION: Acids Encoding the Same  
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 CURRENT APPLICATION NUMBER: US/09/993,604  
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 ; Patent No. US20020137890A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Borstein, David  
 ; APPLICANT: Destroyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Justin L.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel

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Query 15  
 US-09-930-456-268  
 ; Sequence 268, Application US/0990456  
 ; Patent No. US20020137890A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
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 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel

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; PRIOR FILING DATE: 1998-07-07
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; PRIOR FILING DATE: 1998-07-09

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